TABLE 2-7.B: MALIBU VILLAGE PLAZA WASTEWATER TREATMENT SYSTEM EFFLUENT - PRIORITY POLLUTANTS

Date	Location	Silver	Berylliu m	Cadmiu m	Mercur y	Lead	Seleniu m	Thalliu m	Aldrin	Alpha BHC	Refa-	Gamma BHC(LI mdane)	P Detta-	Chlord ane			4A. DDD	Dieláiin	UNION CONTRACTOR	Endosu Vian II
Units	第一种的	⊌ug/l	.ug/l	ug/l	ug/l≅	ag/l	ug/la	ug/l	ug/l	Eug/l 版	ug/l	ug/I	#ug/l	新ug/li	Wug/I 縣	@ug/la	sug/la	緣ug/ls	ug/l	ug/l
Detection Limit	生物更新描	0,2%	0.2	0.2	0.2%	0.2	2.	0.2	0.005	20.01	£0.005	¥0.01	X0.005	※0.10	等0:0.1%	60.01	0.019	差0.01%	表0.01%	₩0.01
December-07	DD-1	ND	ND	· ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
December-08	DD-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Date	Location	Endosu Ifan Sulfate	Endrin	: Aldenv	Heptac hlor	Bromof orm	美国共享的共享的	100000000000000000000000000000000000000	10017446341013555	The state of the s	11/25/2003/2017/03/22	Arocior 1248	PRINTED AND COME	300 F-00 (300 TV)	CHANGE PARTY OF THE	Arsenio	Chromi Um	Copper	Nickel	Antimo ny	Zinc
Units	1	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	#ug/l	ug/l	jug/J	wug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
Detection Limit		0.01	: 0.01	0.01	0.01	0.5	0.001	0.5	20.5	0.5	0.5	-0.5	0.5	0.5	0.5	⇒0.2	0.2	0.2	0.5	第1次	MAIT N
December-07	DD-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	1.6	8.1	4.4	1.2	7.6
December-08	DD-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.1	2.2	7.4	4.0	ND	3.9

2.3 Groundwater Quality

Table 2-8 presents the groundwater quality data for the monitoring wells, illustrated on Figure 1-3. It is understood that the monitoring wells were installed as part of the City of Malibu, Malibu Civic Center Water Quality Risk Assessment, 2004.

Environment Engineer/Considents
LOMBARDO ASSOCIATES, INC.

TABLE 2-8: GROUNDWATER QUALITY DATA

													Phosph	Total				Dichlor	
Date	Location	pH	BOD	Total N	Organic N	Nitrale as N	Nitrite as N	Ammonia as N	Fecal Colifor	Total Colifor	Enteroc occus	MBAS	orus. Total as		Chlorid e	Sulfate as SO4	Boron	odiflour ometha	Chloro methan
									ms	ms			P	Solids				ne	e
Linits			man	man	mg/l	mg/l	mq/l	mg/l	MPN/10	10.000	MPN/10	mgl	mgile	man	mg/L	ma/l	mg/J	יוסע	ual
Detection Limit	Personal	0.1	285 E	Calc	0.05	0.02	0.02	0.01	20 mls	0 ml	Omi.	0.05	0.01	355			0.1	0.5	205
GW Monitoring				1888				90394E4	開業機	的条数					348	2000			
8/14/2007 11/7/2007	GW MW-1 GW MW-1	7	ND ND	2.38	0.64	1.72 1.92	ND.	0.02 0.11	ND ND	8 12	42.4 ND	0.81 ND	0.05	1468	133 135	ND 614	0.64	ND	ND ND
2/14/2008	GW MW-1	6.8	ND	2.75	0.44	2.29	ND	0.02	13	50	84.5	IVU	0.08	1368	172	779	0.7	ND	ND
5/14/2008	GW MW-1	7.1	ND	2.21	0.17	1.97	ND	0.07	ND	ND	50.5	0.19	0.03	1280	169	617_	0.5	ND	ND
8/28/2008	GW MW-1	7	ND	2.75	1.02	1.68	ND	0.05	ND	ND	9.8	0.08	0.26	1308	144	653	0.47	ND	ND
11/18/2008 5/27/2009	GW MW-1 GW MW-1	6.8	ND <5	1.55 4.1	0.26 0.10	1.2 3.86	ND <0.02	0.09	ND <2	23 · 2	7.2	0.7 <0.05	0.49	980 1444	161 201	484 588	0.51	ND_ ND	ND ND
8/18/2009	GW MW-1	6.6	<5	2.4	0.38	1.89	<0.1	0.13	2	240	8.4	<0.05	0.05	1336	160	695	0.57	ND	ND
	1 Average:	6.8		2.6	0.4	2.07		0.08		56	32.1	0.45	0.20	1328	159	633	0.56		
GW/Monitoring	33,	6.6	ND	6 17	1.56	1.0	ND	. 2.71	ND	2	10.0	0.1	0.20	1002	152	562	0.66	ND.	NID.
8/14/2007 11/7/2007	GW MW-2 GW MW-2	6.6	11	6.17 4.62	1.30	1.9	ND	1.48	ND	2 280	10.8 5.2	0.1	0.29	1892 1288	153 142	563 520	0.66 0.78	ND_	ND ND
2/6/2008	GW MW-2	6.4		6.55	1.19	5.29	ND	0.07	ND	30	ND	J.00	2.30	910	130	164	0.11	ND	ND
2/13/2008	GW MW-2	6.8	ND	3.98	1.31	1.69	ND	0.98	ND	7	3	ND	0.23	1176	201	688	0.56	ND	ND
5/14/2008 8/28/2008	GW MW-2 GW MW-2	7	11 ND	22.22 3.39	1.22 0.56	16 2.28	0.04 ND	4.96 0.55	ND ND	23	3 9.7	ND ND	0.24	1240 1288	385 200	965 612	0.52	ND ND	ND ND
11/18/2008	GW MW-2	6.9	5	2.89	ND	1.33	ND	1.56	90	ND	ND ND	0.09	0.22	1288	176	675	0.63	ND	ND
5/27/2009	GW MW-2	7	<5	3.64	0.07	2.56	0.11	0.9	<2	2	3.1	0.13	0.35	1436	177	648	0.56	ND	ND
8/18/2009	GW MW-2	6.8	6	7.301	0.13	6.35	0.201	0.62	<2	7	1.0	<0.5	0.09	1380	219	546	0.6	ND	ND
Well a		6.9	8.3	6.8	0.8	4.67		1.39		50	4.2	0.09	0.20	1251	204	602	0.55		
8/14/2007	IGW MW-3	6.7	8	2.87	1.5	0.74	ND	0.63	1600	8	165	0.31	1.23	1560	148	607	0.7	ND	ND
12/5/2007	GW MW-3	6.9	23	2.51	1.04	0.87	ND	0.6	ND	23	16	1.04	0.51	1228	258	477	0.67		ND
2/13/2008	GW MW-3	6.5	54	222	2.35	1.12	0.06	0.76	9	1600	2419.2	1.69	1.26	1296	161	661	0.63		115
5/14/2008 8/28/2008	GW MW-3 GW MW-3	7.1 6.9	ND ND	2.33	0.48	1.09	ND ND	0.76	ND ND	2 8	11.9	ND 0.44	0.02	1432 1524	168 282	640 693	0.61	ND ND	ND ND
11/18/2008	GW MW-3	6.9	24	2.71	1.46	0.94	0.09	0.22	1600	280	16.6	1.08	0.94	1344	242	598	0.79	ND	ND
5/27/2009	GW MW-3	7.1	<5	3.54	0.15	2.78	<0.02	0.61	2	4	1	0.27	0.19	1456	173	672	0.57	ND	ND
8/18/2009 Well:	GW MW-3 #3 Average:	6.9	26.0	5.81 3.1	3.78 1.4	1.41	<0.1	0.62	<2	11 242	<1 375.8	0.19	0.07	1560 1425	282 214	615 620	0.65 0.65	ND	ND
GW.Monitoring		0.3	20.0	3.1	1.7 36.88	1.30		0.34		242 240 Q	373.0	U.72	0.34	1423	214	020	0.03	4.5% SKN	
_8/17/2007	GW MW-4	6.4	30	31.4	4.56	1.04	ND	25.8	ND	22	ND	0.8	1.03	1120	149	626	0.24	ND	ND
12/6/2007	GW MW-4	6.5	ND	15.77	4.71	0.76	ND	10.3	23	23	ND	0.19	1.1	1112	149	478	0.67		ND
2/14/2008 5/14/2008	GW MW-4 GW MW-4	6.7	25 40	14.23 29.67	7.76	0.03	ND ND	6.44 12.6	14 500	1600 >1600	2419.2 2419.2	0.1 1.98	1.08	1024 1080	140 299	494 868	0.5	ND ND	ND ND
8/28/2008	GW MW-4	6.8	ND	11.67	3.64	1.57	ND	6.46	ND	30	25.4	0.06	3.34	860	188	195	0.22	ND	ND
11/18/2008	GW MW-4	6.8	17	11.49	3.7	0.04	ND	7.75	1600	240	7.1	0.27	4.78	840	353	144	0.42	ND	ND
5/27/2009	GW MW-4	6.9	17 38	11.11	2.11 1.89	1.95 6.23	<0.02 <0.1	7.05	300	13	<1 13.2	0.11	4.93 0.44	1436	173 230	555	0.33	ND	ND
8/18/2009 Well	GW MW-4 #4 Average:	7.0 6. 8	27.8	17.5	5.7	1.46	<0.1	6.7 10.39	300	300 318	976.8	<.05 0.50	2.27	1168 1080	210	368 466	0.57	ND	ND
GW Monitoring		200	7. S.	SEE SEE	建筑线	250.50	建設的	57 P. P. W. 62	化污染液	Parks.	SATE OF	PER	企		\$4550 A		3,00%	光神道	1000 Test
2/14/2008	GW MW-5	6.8	ND	1.89	0.6	0.11	ND	1.18	17	110	2	0.24	0.13	664	157	136	0.5	ND	ND
5/14/2008 8/28/2008	GW MW-5 GW MW-5	6.9	10 ND	3.31 1.59	0.22	0.27 ·	ND ND	2.82 0.13	ND 500	>1600	6.2 5.2	0.31 ND	ND 0.05	816 764	235 170	140 138	0.28	ND ND	ND ND
11/18/2008	IGW MW-5	6.8	ND	1.91	0.36	1.47	ND	0.13	130	14	ND	0.06	0.03	672	283	115	0.48	ND	ND
5/27/2009	GW MW-5	7	<5	2.17	0.55	0.41	<0.02	1.21	<2	8	4	0.13	0.4	1124	307	247	0.42	ND	ND
8/18/2009	GW MW-5	6.8	17	0.51	<0.05	0.2	<0.1	0.31	<2.0	13	<1.0	0.09	0.16	944	324	107	0.52	ND	ND
Well GW-Monitorine	#5 Average:	6.9	13.5	1.9	0.4	0.64	\$\$470 <i>h</i>	0.96	34.5	30	4.4	0.17	0.17	831	246	147 (2000)	0.41	V-VI-BU	
8/14/2007	GW MW-6	6.5	ND	9.15	1.19	7.96	ND	ND_	ND	30	58.5	0.26	ND	1340	117	446	0.56	ND	ND
12/10/2007	GW MW-6	6.9	ND	3.28	1.61	1.67	ND	ND	ND	ND	103	ND	1.81	936	161	600	0.67	ND	ND
2/14/2008	GW MW-6	6.8	ND	1.73	0.35	1.35	0.03	ND	2	11	5.1	0.18	0.18	1260	160	557	0.78	ND	ND
5/14/2008 8/28/2008	GW MW-6	7	ND ND	1.67	0.39 ND	1.25	ND ND	0.03 ND	ND ND	ND ND	ND 9.3	0.19	ND ND	1260 1324	271 187	826 529	0.55	ND ND	ND ND
11/18/2008	GW MW-6	6.9	ND	2.92	ND	2.92	ND	ND	2	ND	7	0.06	1.8	996	179	629	0.6	ND	ND
5/27/2009	GW MW-6	7.1	<5	2.12	0.22	1.86	0.02	0.02	<2	<2	10.8	0.15	0.89	1484	168	592	0.54	ND	ND
8/18/2009 Well	GW MW-6	6.9	58	6.13	1.4	4.64	<0.1	0.09	2	130	19.9	<0.05	0.05	1356	168	584	0.55	ND	ND
vveil	#6 Average:	7.0		4.2	0.6	3.79		0.05	L	71	10.4	0.13	0.73	1280	189	620	0.59		

	and the second	Periodes.	\$25555692/	MANAGE TO	100 mm 200 mm	***************************************	Conservation (22 K-22 S-2	28/25/01/26	PARSAGEA.	Secretarion	Secs areas	samples a	(SEPTEMBER)	augurens	लबक्रमणीर	Section 2	races and	1502000
		Trichlor					Methyle											1.2	
Date	Location	ofluoro	1,1- Dichlor	Aceton	lodome	Carbon disulfid	ne	11,2- Dichlor	Vinyl	J.) Dichlor	Butano	Chlorof	Inchlor	Carbon tetrachi	Benzen	1,2- Dichlor	Trichlor	Dichlor	Dibrom ometha
		methan e	oethene	e	thane	e-	Chlond	oethene	Acetate	oethane	A 1906 1164	orm	oethane	CONTRACTOR AND	е	oethane	oethene	opropa ne	ne
Units		ug/ls	ugl	ug/I	.ug/l	ual	ug/i	ugh.	ugli	ugh	aug/E	juni.	007	ug/l	ug/i	ug/I	e ug/l	ook	ug/l_
DetectionLimit		0.5	0.5	- 3 e	205	0.5	第05 第	105	0.5	0.5	155	0.5	# 0.5 E	7 0.5 E	0.5	全0.5% 全0.5%	055	205億	0.5
GW/Monitoring	Well #1	20.0	650000		200	25 U.O.S.	**************************************	MEDIA:	2200	Ma Unite		UUS	20/035	BEU.DE	27 0.0	EUD W	UOS		- U.O.
8/14/2007	GW MW-1	ND	ND	ND	_ND_	_ND_	ND	ND	-ND-	ND	_ND_	-ND-	ND_	ND	ND	ND	ND	NĎ	ND
	GW MW-1	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	ND	ND ND	ND	ND	ND	ND NO	ND	ND	ND	ND	ND
2/14/2008 5/14/2008	GW MW-1 GW MW-1	ND	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-1	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009 8/18/2009	GW MW-1 GW MW-1	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
	1 Average:	NU	·ND	ND	IND	NU	IVD	ND	NO	ND	IND	. 100	IND	IND	ND	UND	NU	NU	IND
GW Monitoring	Well #2					20 Miles	PARK			WEEKE.		* 33 2			\$788				
	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/7/2007 2/6/2008	GW MW-2 GW MW-2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2/13/2008	GW MW-2	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ΝĎ	ND
8/28/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	Z	DIO	ND	ND ND	ND	ND	ND	ND	ND
11/18/2008 5/27/2009	GW MW-2 GW MW-2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	-ND DN	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/18/2009	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2 Average:																		
GW Monitoring		经验额		NAME:				Section 1	20 m	N. 1		編載		新聞の記		80 m			
8/14/2007 12/5/2007	GW MW-3 GW MW-3	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND :	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2/13/2008	GW MW-3	113	.,,,	-,,,,				110	1,0		140	110		140	- 113	- 	-110		-,,,,
5/14/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	DN	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-3	ND	ND ND	ND	ND	ND ND	ND	ND	ND	ND	ND	DU	ND	ND_	ND	ND	ND	ND	ND
11/18/2008 5/27/2009	GW MW-3 GW MW-3	ND ND	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/18/2009	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NĎ	ND.
	3 Average:						N. A. Paris		,										
S/17/2007	IWell #4 IGW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	. ND	ND
12/6/2007	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND :	ND	ND	ND	ND	ND	ND	ND
2/14/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-4	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008 11/18/2008	GW MW-4 GW MW-4	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
5/27/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND:	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well :	#4 Average:		Holosopa e	FARE S	7.00	Wateren.	196000000000000000000000000000000000000	2500000000	Name (September	STREET,	25769a252	15567-525055	64800000000		STAGE POTTON	atelia salinia	respectations	230200000	Section 1
2/14/2008	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008 5/27/2009	GW MW-5	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/18/2009	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well :	#5 Average:																		
GW Monitoring		8.84(0)		X:549	\$2.64A	40024	经的资料	3600		対数に関	(1) (1) (1) (1) (1) (1)		额原落:	原花宝 *	\$44.5%	MAS.	1773	PARTIE	01000
8/14/2007 12/10/2007	GW MW-6	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	. ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2/14/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND ND
5/14/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ·	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008 5/27/2009	GW MW-6	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/18/2009	GW MW-6	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	#6 Average:																		
																			

	Section 5.95	1000000	20 Sept. 10	\$300 A 10	range and	STATE OF STREET	25886548Pc	\$200 P. S.	22.50924	STATES.	經濟法院制作	e de la composition della comp	556550		6400000	nesis also de	Section (Section)	500 Sec. 1	SAME TO SEC.
		Bromod	cis-1,3-			trans				Dibrom			1112						
Date	Location	ichloro	Dichlor	Methyl Isohutyl	Toluene	1,3 Dichlor	1,1,2 Trichlor	Tetrach Ioroeth	Hexano	ochloro	Dibrom	Chlorob	Tetrach	Ethylbe	m,p-	0-	Bromob	Dichlor	Bromob
		methan	Commercial (1975)	ketone		A STATE OF THE STA	oethane	ene	ne	methan	oethane	enzene	loroeth	nzene	Xylene	Xylene	enzene	0-2	enzene
			ne			ne							ane					butene	
						Sept.													
Units		ug/	ugl	ug/l	ug/l	ug/l	ug/l	g	9	19/	ug/l	ugl	ugl	ug/	9	9	ug/l		09
Detection Limit		海0.5%	變0.5%	2005學	差0.5章	跳0.5碳	0.5	参0.5%	製0.5書	變0.5億	鐵0.5家	建05歲	205毫	差0.5年	卷0.5座	0.5	%05美	第05数	第05章
GW Monitoring	- ALL DISCONDING	115 A	10	215 215	9 20	300	250					110						50 Marie	
8/14/2007 11/7/2007	GW MW-1 GW MW-1	ND.	ND ND	ND	—ND— ND	ND	—ОИ ПО	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2/14/2008	GW MW-1	ND	ND	ND	ND	ND	ND	ND	DZ D	NĎ	ND	ND	ND	ND	ND .	ND	ND	ND	ND
5/14/2008	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-1	ND	ND	ND	26.1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ·
11/18/2008	GW MW-1	ND.	ND	ND_	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009 8/18/2009	GW MW-1 GW MW-1	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND
Well		I ND	NU	שאו	NU	NU	ND	IND	NU	ND	- ND	IVD	IND	NU	עואו	NU	ND ·	ND	ND
GW Monitoring		2200			華和鐵板		300				33532	ALC: S		1532					
8/14/2007	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/7/2007	GW MW-2	ND	ND	ND	ND	ND	ND	ND.	ND	ND	. ND	ND	ND	ND	ND	ND	ND	ND	ND
2/6/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/13/2008 5/14/2008	GW MW-2 GW MW-2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/28/2008	GW MW-2	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND ND	ND	ND
11/18/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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8/14/2007	GW MW-3	ND	ND	ND	ND	ND	ND	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/5/2007	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND
2/13/2008	GW MW-3						1115			1,15	1		- 11						
5/14/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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11/18/2008 5/27/2009	GW MW-3	ND ND	ND ND	ND ND	ND.	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/18/2009	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well																			
GW/Monitorin		汽送送 源	基務指標		经现代	AND SERVICE SE	88.3858 38.3858	海過鐵			3468 2	237	第2 次第二		铁路路			72.64	
8/17/2007	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/6/2007 2/14/2008	GW MW-4 GW MW-4	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND
5/14/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND .	ND	ND ND	ND	ND '
8/28/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-4	ND	ND	ND	ND	ND	ND	. ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND	. ND	ND	ND	ND
8/18/2009 Well	GW MW-4 #4 Average:	ND	ND	ND	ND	ND	ND	ND	ND ·	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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8/28/2008	GW MW-5	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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8/14/2007	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/10/2007	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/14/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008 8/28/2008	GW MW-6	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
11/18/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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Weil	#6 Average:	L						<u> </u>											
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	Mark Circonn	a Participa	200 cavas	d chiange	6499E4	5535505		economic de	NEGACIE.	WG4-8/8	447.05A	1.55 miles	922.626			SAN GRANESA	100 March 1980		
		1122	1.2.3-	c-1.4-			14	1.2	1,2	2			12	Methyl	N.	Ň-	N		BIS (2-
Date	Location	Tetrach	Trichlor	Dichlor	Pentac hloroet	Dichloro	Dichlor	Dichlor	Dibrom	Chloroe	Acrolei	Acrylon	Dichlor	tert	Nitroso	Nitroso	Nitroso di-n-	Phenol	choroet
Vale	COCALIOII	loroeth	opropa	0-2-	A	benzene	obenze	obenze	chlorop	thylviny	n	utrile	opropyl	butyla	Witchestern and L	diemeth	propyla		hyn
		ane	ne-	butene			ne	ne	ropane	lether			enex	ether	mine.	ylamine	mine		ether
		0 150 AND	entrantia.	SANSETSA Marketsans	74.2			· · · · · · · · · · · · · ·	00083 00083				5200						
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Detection Limit		0.5	≇ 0.5	€0.5	0.5	是0.5億	20.5 建	表0.5基	第0.5章	0.5	210 0	20 0	0.5%	20.5金	2.7212	\$35 \$35 \$35 \$35 \$35 \$35 \$35 \$35 \$35 \$35	2.2	55	2200
GW Monitoring	Well#J>	1123		到是被	問題的	10.70			<i>18</i>								100 March	別選集	
8/14/2007	GW MW-1	ND	ND	_ND_	ND	ND	ND-	ND_	ND_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND I
11/7/2007	GW MW-1 GW MW-1	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND ND	ND ND
2/14/2008 5/14/2008	GW MW-1	ND	ND	ND	ND ND	ND -	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND
8/28/2008	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GW MW-1	ND	ND	ND	ND	· ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NŌ	ND	ND	ND	ND
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	1 Average:	Newskartes	ie en announce de la	Secretary and the	35/24/25/25/26/26		episterasi Harante	PARENT STATE OF THE STATE OF TH	Andrews Co.	are a superior	Nan-Market	50000700000	Participate State State S	Olio Archinaga d	W-costered	(SIZTED-INSIDE	ASSESSED DOM	0.0000000000000000000000000000000000000	SECTION S
8/14/2007	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/7/2007	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND .	ND
2/6/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/13/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ΝD	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
11/18/2008 5/27/2009	GW MW-2	ND	ND ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND
8/18/2009	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	· ND	ND	ND	ND	ND	ND	ND	ND
	2 Average:																		
GW-Monitoring	Well#3	1000						医	建			经				經過經			多有限
8/14/2007	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.
12/5/2007	GW MW-3	ND.	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND ND	ND 6.1	ND ND
2/13/2008 5/14/2008	GW MW-3	ND	ND	ND	ND	ND.	ND	ND	ND	I ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well #	#3 Average:	V8002000000	2-39855691		200	eritenarentar		Nesembranies		20:50:250:25	si contramicaco	STATE OF	(Marie Meliza System		TARRET BURGOOK	NOW THE PERSON.	NAMES TO A STATE OF THE PARTY.		
8/17/2007	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
12/6/2007 ·	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/14/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008 5/27/2009	GW MW-4 GW MW-4	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/18/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	#4 Average:								L										
GW Monitoring	y Well #5	SHE	新建筑区	**************************************	知法部數	编数条件	他就是他	为到常温度	被激素	新聞的	戏法等的	網絡網絡	制整数	SE SE		建筑 多	连续数据	建建建筑	本的
2/14/2008	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND
5/14/2008	GW MW-5	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND
8/28/2008 11/18/2008	GW MW-5 GW MW-5	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND ND	ND ND	ND
5/27/2009	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND	ND	ND
	#5 Average:																		
GW Monitoring			2000年	39.W/	新语动数	40000000000000000000000000000000000000	31,14,5,14	16 m/22	150 M	0.000	24.84E		No. of the	多沙鸡	Bearing .	學院學		2000	高級級
8/14/2007	GW MW-6	ND	ND	ND	ND.	ND	ND	ND ND	ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND ND	ND ND	ND_	ND
12/10/2007 2/14/2008	GW MW-6	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND	ND	ND	ND ND	ND	ND	ND ND	ND	ND	ND ND	ND ND
5/14/2008	GW MW-6	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	NO	ND	ND	ND	ND
8/28/2008	GW MW-6	ND	ND	ND	NO_	ND	ND_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-6	ND	ND	ND	ND	ND_	ND_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND
AAGII	#6 Average:	<u> </u>	ــــــــــــــــــــــــــــــــــــــ	<u></u>	<u> </u>	Ц	L	Ь		Ь			ــــــــــــــــــــــــــــــــــــــ			<u> </u>	<u> </u>	<u> </u>	L

[Space Security of the section of th	namentum namen	Dor Congress I	a of the same in I	sidera silika (Attendation of V	action english	Same Co.		470,344420	N.C.KY Jakac	Conversation 1	Sean Season (Sea	11.000 S. S. S. S.	and the same is	acinconia.	as energy	.426365017		
			1,	1.3-			Bis (2-							27	Bis (2-	1.2		3.	
		2- :	Dichlor	Dichlor	Dichlor	Renzul	choloro		Hexachi	4	Nitrobe	Isonhor	2-	Dimeth	chloroe	Diphen	Benzoic	nichior	inchion
Date	Location	Chlorop	obenze	obenze	obenze		Marian California	Methylp	200		nzene	one	Mirrohuf	vinheno	thoxy)	ylhydra		opheno	
		henol	ne	ne	ne -		Ey0	henol	ne	henol			enol		methan	zine			ne
				366		100	ether				22.5			255					
Units		ug/l	ug/l	ug/J	uq/I	ugh	ug/I	ug/l	eug/J	ŭg∕l	υσΛ	.llpu	ugh	ugir	ug/l	aug/s	ug/l	uqriz	uq/i
	200	企业企业	PARTIES.	福州省等	and the second	Series S	4050	·1170年8年17	在基本在 数		理能を開	100		20,556	232494H	1	引用更新的	等能够是	
Detection Limit		5	5.5	.×5	55	10.0	2	2.5	112	5	7.2	3.2	22	2.2	2.5		25	22.5	
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2/14/2008	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-1	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	. ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ·	ND	ND	ND :	ND	ND	ND	ND
8/18/2009	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well #	<u> </u>		Personal Property and a second			ate (New 1981) is the second	-		Walter Co.	NAME OF THE OWNER.	National Control	Provided to the section	and the last of the last		environment		Fernsz Trong	A COMMENT AND A SECURITY	Water State of the
GW Monitoring		ND.	5	9	ND.	NID.	70	ND.	ND.	NID.	ND.	ND.	25	ND.	ND.	ND.	ND September 1	ND	ND.
8/14/2007	GW MW-2 GW MW-2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
11/7/2007 2/6/2008	GW MW-2	ND	ND	ND	ND	ND I	ND	ND ND	ND	ND	ND	ND	ND ND	ND ND	ND	ND ND	ND ND	ND	ND
2/13/2008	GW MW-2	ND	ND	ND	ND	ND I	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .	ND	ND	ND
5/14/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-2	ND	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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5/27/2009	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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	#2 Average:	Caroli Cianoco C	and the second second	ania kan militaran	water with the country	AND COMPANY DOOR	aliminas (Tara ara)	Barrier School Street		esterna e State	and the second second	Sample Continue States	Service Company	entra de la constanta	PARTY INSTITUTE	300 AND 100 AND 100	MC400 The War	100000000000000000000000000000000000000	AND DESCRIPTION OF THE PARTY OF
GW Monitoring	Jan 15 College a Life College	機器		200	NEW PROPERTY.		NO.	ND	等	N.D.	200	機能を	35			N.D.	200 NO	A 10	
8/14/2007	GW MW-3	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
12/5/2007 2/13/2008	GW MW-3 GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	16	ND	ND	ND	ND	ND	ND	38:4	ND	ND
5/14/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	.ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND .
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GW Monitoring		250	115	*******	ND		ND	170 O	10 × 50	100	ESSAME:	2000	100 M	20		11 NO	30000		AUD.
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8/28/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	. ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND
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11/18/2008	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/27/2009	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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12/10/2007	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.
2/14/2008	GW MW-6	ND	ND	ND	ND	ND_	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-6	ND	ND	ND	ND ND	ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	ND ND	ND ND	ND ND
8/28/2008 11/18/2008	GW MW-6	ND ND	ND ND	ND ND	ND	ND ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND ND	ND ND	ND.	ND	ND ND
5/27/2009	GW MW-6	ND ND	ND	ND	ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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8/18/2009 GW MW-1 ND ND ND ND ND ND ND N
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11/18/2008 GW MW-6 ND
5/27/2009 GW MW-5 ND

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		2.4	4.	Diethyl		4- Chlorop	4-	4,6- Dinitro-	N.	4- Bromop	Hexachi	Pentac				Di-n-		
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				50.00				Section 1										
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2/14/2008	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-1	МD	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008 11/18/2008	GW MW-1 GW MW-1	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	.ND DN	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
5/27/2009	GW MW-1	ND	ND	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-1	ND	ND	ND	ND	. ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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8/14/2007	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/7/2007	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/6/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2/13/2008 5/14/2008	GW MW-2 GW MW-2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
8/28/2008	GW MW-2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND_	ND	ND	ND	ND _	ND	ND
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5/27/2009 8/18/2009	GW MW-2 GW MW-2	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND
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5/14/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008	GW MW-3	ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
5/27/2009 8/18/2009	GW MW-3 GW MW-3	ND ND	ND ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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8/17/2007 12/6/2007	GW MW-4 GW MW-4	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
2/14/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND
8/28/2008	GW MW-4 GW MW-4	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
11/18/2008 5/27/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/18/2009	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
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2/14/2008	g Well #5 GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-5	ND	ND	ND	, ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008 5/27/2009	GW MW-5 GW MW-5	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND
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2/14/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
5/14/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
8/28/2008	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	. ND	ND	ND	ND	ND	ND	ND	ND	ND
11/18/2008 5/27/2009	GW MW-6	ND . ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND ND	ND.	ND ND	ND ND
8/18/2009	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND ND
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81 4200 W MW-1 NO			2000年1000年					100	2.5		200		SPEED WATER		DESTRUCTION OF THE PARTY OF THE
## Common		iWall#1			Maria Cara		ASIA CON		A	CHARLETTE TO SOUTH	STEEL SECTION		N AND THOUGHT AND	2006 C 2009	12072782
11/17/2017 GW MW-1						ND	ND		14 40, 17,1-25 24 2.	ND	ND			ND	ND
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11/18/2008 GW MW-1 ND	1														
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11/7/2007 GW MW-2 ND	GW.Monitorine	Well#2											NAME:		
26/2008 GW MW-2 ND											$\overline{}$				-
2713/2008 GW MW-2															
SF14/2008 GW MW-2 ND ND ND ND ND ND ND N															
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B/18/2009 GW MW-2 ND ND ND ND ND ND ND N	11/18/2008	GW MW-2				ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Well #2 Average:															
8/14/2007 GW MW-3 ND	41.101.2011		ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
STAT2007 GW MW-3 ND			PERSONAL PROPERTY.	20022000000	024027970450	A4423A003600000	PERSONAL PROPERTY.	SECONO CONTRA	FOODENESSES.	Alexandra Salara	CONTRACTOR	A SACROSCOPICAL SACRAGE	and the second	Desired States	200000000000000000000000000000000000000
12/5/2007 GW MW-3 ND				THE COLUMN TWO IS NOT	ND	ND		73 - 11/140 - 1 - 1 - 1 - 1	-1-1-14 4- Ve-	ND	ND	ND	NΠ	NΠ	
2/13/2008 GW MW-3 ND															
8/28/2008 GW MW-3 ND ND ND ND ND ND ND N							ND		ND	ND	ND	ND	ND	ND	
11/18/2008 GW MW-3 ND ND ND ND ND ND ND N															
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8/18/2009 GW MW-3 ND ND ND ND ND ND ND N															_
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2/14/2008 GW MW-6 ND	8/14/2007	GW MW-6					 	ND					ND		ND
5/14/2008 GW MW-6 ND															
8/28/2008 GW MW-6 ND					+			+							
11/18/2008 GW MW-6 ND										+					-
5/27/2009 GW MW-6 ND														+	
8/18/2009 GW MW-6 ND			+			+		+						+	
Well #6 Average:	8/18/2009	GW MW-6													
	Well	#6 Average:	<u></u>	L		l		1		L	<u> </u>		<u> </u>	<u> </u>	1

TABLE 2-8.B: GROUNDWATER QUALITY DATA SUMMARY

Œ		THE PARTY THE RE	Telephone Control	100 mm 100 m	423 SEE SECTION .	Section and the second		
200				Fecal	Total		Phosphorus, Total	Total Dissolved
10.50	Date	Location	Total N	Coliforms	Coliforms	Enteracoccus	as P	Solids
98								
2	Unis		通mg/l 基	MPN/100 ml	MPN/100 ml	MPN/100 mi	mg0	mg/l
SECON	Detection Limit		凝Calc 量	2.2	2.2	8 S 1 1 S 2 S	0.01	5
7	GW Monitoring							
Ĺ	8/14/2007	GW MW-1	2.38	ND	88	42	0.05	1,468
ŀ	11/7/2007	GW MW-1	2.26	ND	12	ND ND	0.08	1,442
L	2/14/2008	GW MW-1	2.75	13	50	85	0.29	1,368
١	5/14/2008	GW MW-1	2.21	ND	ND	. 51	0.03	1,280
ļ	8/28/2008	GW MW-1	2.75	ND	ND 00	10	0.26	1,308
ŀ	11/18/2008	GW MW-1	1.55	ND .	23	7	0.49	980
ŀ	5/27/2009	GW MW-1	4.1	<2	2	22	0.36	1,444
ŀ	8/18/2009	GW MW-1 1 Average:	2.4	2	240 56	8 - 32	0.05 0.20	1,336 1,328
			Z.O	Name and Associated Sections			U.20	1,320
P	GW:Monitoring	GW MW-2	6 17	ND	2	11	0.29	1,892
ŀ	8/14/2007 11/7/2007	GW MW-2	6.17 4.62	ND ND	280	5	0.29	1,288
ŀ	2/6/2008	GW MW-2	6.55	ND	30	ND	0,03	910
ŀ	2/13/2008	GW MW-2	3.98	ND	7	3	0.23	1,176
ł	5/14/2008	GW MW-2	22.22	ND	2	3	0.24	1,240
t	8/28/2008	GW MW-2	3.39	ND	23	10	0.22	1,288
1	11/18/2008	GW MW-2	2.89	90	ND	ND	0.23	1,288
t	5/27/2009	GW MW-2	3.64	<2	2	3	0.35	1,436
t	8/18/2009	GW MW-2	7.301	<2	7	1	0.09	1,380
Ī	Well #	2 Average:	6.8		50	4	0.20	1,251
-	6W.Monitoring	Well#3						
ı	8/14/2007	GW MW-3	2.87	1,600	8	165	1.23	1,560
	12/5/2007	GW MW-3	2.51	ND	23	16	0.51	1,228
ſ	2/13/2008	GW MW-3		9	1,600	2,419	1.26	1,296
	5/14/2008	GW MW-3	2.33	ND	2	12	0.02	1,432
1	8/28/2008	GW MW-3	1.83	ND	8	11	0.09	1,524
ļ	11/18/2008	GW MW-3	2.71	1,600	280	17	0.94	1,344
L	5/27/2009	GW MW-3	3.54	2	4	11	0.19	1,456
ļ	8/18/2009	GW MW-3	5.81	<2	11	<1	0.07	1,560
ļ	Well #		3.1	Service and the Party of the State of	242	376		1,425
ŀ	GW Monitoring	-1114 / 1154 / 154	5.00	Maria Maria	00	ND	102	
ŀ	8/17/2007	GW MW-4	31.4	ND 33	22	ND ND	1.03	1,120
ł	12/6/2007	GW MW-4 GW MW-4	15.77 14.23	23 14	1,600	ND 2,419	1.1	1,112 1,024
ł	2/14/2008 5/14/2008	GW MW-4	29.67	500	>1600	2,419	1.44	1,080
ł	8/28/2008	GW MW-4	11.67	ND	30	25	3.34	860
ł	11/18/2008	GW MW-4	11.49	1,600	240	7 7	4.78	840
ł	5/27/2009	GW MW-4	11.11	2	13	<1	4.93	1,436
ł	8/18/2009	GW MW-4	14.82	300	300	13	0.44	1,168
ł	Well		17.5		. 318	977	2.27	1,080
ł	GW Monitoring							
ţ	2/14/2008	GW MW-5	1.89	17	110	2	0.13	664
ţ	5/14/2008	GW MW-5	3.31	ND	4	6	ND	816
ı	8/28/2008	GW MW-5	1.59	500	>1600	5	0.05	764
ı	11/18/2008	GW MW-5	1.91	130	14	, ND	0.09	672
I	5/27/2009	GW MW-5	2.17	<2	8	4	0.4	1,124
Į	8/18/2009	GW MW-5	0.51	<2.0	13	<1.0	0.16	944
Į		#5 Average:	1.9		30	4	0.17	831
ĺ	GW Monitoring		220					
١	8/14/2007	GW MW-6	9.15	ND	30	59	ND	1,340
ı	12/10/2007	GW MW-6	3.28	ND	ND	103	1.87	936
- 1	2/14/2008	GW MW-6	1.73	2	11	5	0.18	1,260
ļ	5/14/2008	GW MW-6	1.67	ND	ND	ND	ND ND	1,260
Į			1 107	l ND	ND	9	ND	1,324
	8/28/2008	GW MW-6	10.7		1			
	8/28/2008 11/18/2008	GW MW-6	2.92	2	ND	7	1.8	996
	8/28/2008 11/18/2008 5/27/2009	GW MW-6 GW MW-6	2.92 2.12	2 <2	<2	11	0.89	1,484
	8/28/2008 11/18/2008 5/27/2009 8/18/2009	GW MW-6	2.92	2				

TABLE 2-8.C: GROUNDWATER PRIORITY POLLUTANTS

Date	Location	Citar	Berylliu	Cadmiu	Mercur		Seleniu	Thailu	Alim	Alpha	Beta-	Gamma Burrin	Delta	Chlord tanes	14	4.5		Dielaria	Endosu	Endosu	Endosi	Endan	Entrin	Heptac F1 0
			m,	m	y		m	j. m		BHC	BHC	ndane)	I HBHC	tane	DDT	DDE	DDD		[Jan]	l lan ll	Sulfate			r hion
"我们是我们的	A SAME	新疆游	科斯斯 波	學能識	海绵绵	A STATE OF	PARTIE	不够强制	新教教	機構就		9		解解解	開機服	建工程		建筑机	機能機能	图開業		建建建	國際國	機器機器
Units	多 認為實際	選ug/I發	器ug/Iss	接ug/l等	Sugno	器可引激	級ug/J肇	器ug/l要		7			鍵ug/jjg	線ug/ilig	製uqn縣	國ug/I發	國ug/l線	Muqii 家	屬Ugil就			器UQU器	級ugn逐	
Detection Limit	0.000	0.2%	# 0.2	%0.2 %	图0.28	類02号	2.4	0.2	0.005	第0.016	60:005	第0.01数	₹0.005¥	黨00周端	数0.01深	第000種	養0.01数	第0.01第	業0.0.1級	数0,010	数0.01%	解0.01篇	派(0.0)派	聚0.01%
December-07	DD-1	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
December-08	DD-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
												•										T.		
	GW MW-1	ND	0.3	1	ND	4.2	4.8	0.2	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
November-08	GW MW-1	ND	ND	0.7	ND	3.6	4.2	ND	ND	ND	ND	ND	ND ·	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	GW MW-2	ND	ND	0.4	ND	1.2	ND	ND	ND	ND	ND	· ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
November-08	GW MW-2	ND	ND	0.4	ND	0.5	4.4	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	ND
<u></u>				<u> </u>				·				<u> </u>						<u> - </u>	<u> </u>			لــــــــــــــــــــــــــــــــــــــ		
	GW MW-3	ND	0.2	1.4	ND	3,4	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	_ND_	ND	ND	ND	ND	ND	ND
November-08	GW MW-3	ND	ND	0.4	ND	1.4	7.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND.	ND	ND	ND	ND	ND	ND	ND
									1.0		- 1/5													
	GW MW-4	ND	1.1	3.4	ND	14	3.6	0.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
November-08	GW MW-4	ND	. ND	ND	ND	0.4	ND	ND ·	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
L	CIVING E	-115	AID		NIC		-		ND	- 115	ND	ND	NO	- 110	LID.	110	110	100		NIS.		L	NID	
November-08	GW MW-5	ND	ND.	1.4	ND	1.0	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ΝD	ND	ND	ND	ND	ND
Nov - Dec 2007	GW MW-6	ND	1.8	4.5	0.27	16	5.7	0.7	ND	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	110	
	GW MW-6	ND	0.6	2.1	ND	5.3	6.1	ND	ND	ND ND	ND	GN	ND	ND	ND	ND	ND	ND ND	ND	ND ND	ND ND	ND ND	ND ND	ND ND
November-08	GAA MAA-O	ואט	0.0		IND	5.3	0.1	IAN	IND	NU	IAIN	ואט	IND	ואט .	INU	NU	IND	טצו	NU	עוו	IND	INU	עוא	UV

			Heptac														
Date	Location	Bromot	hior	Aroclor	Avoctor	Avocior	Arocio	Avoglot	Avocio	Aroclor	Toxapn	Arsenio	Chroni	Copper	Nickel	Anumo	Žinc
			e e	1			1002		1200	10.10			IT UIII			J.	
Units		Lig/lax		sugh :		Water St. B. Co. Co. Co.	Annahi ada taraka	44 44 44 44	密ug/l 集	Mug/II	augh:	ajug/ja			sugh s	ug/ix	e ug/i
Detection Limit	2000	30.5%	(0001)	第0.5章	源0.5%	0053	號015級	素0.5 数	题(0.5%)	藏0.5粒	第05第	等0.2辆	0.2	第02章	速05%		
December-07	DD-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.6	1.6	8.1	4.4	1.2	7.6
December-08	DD-1	ND	ND	ND	ND	ND	ND	ND ·	ND	ND	ND	1.1	2.2	. 7.4	4.0	ND	3.9
																	1
Nov - Dec 2007	GW MW-1	ND	ND	ND	ND	ND	ND	ND	. ND	ND	ND	5.8	38	21	37	ND	85
November-08	GW MW-1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.2	13	21	20	ND	1500
Nov - Dec 2007	GW MW-2	ND	ND	ND	ND	·ND	ND	ND	ND	ND	ND.	2.2	5	6.5	9.1	ND	2100
November-08	GW MW-2	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2	3.1	3.2	10	ND	43
110101100100	3.1					- 112											
Nov - Dec 2007	GW MW-3	ND	ND	ND	ND	ND	ND	ND '	ND	ND	ND	3,8	22	24	30	ND	120
November-08	GW MW-3	ND	ND.	ND	ND	ND	ND	ND	ND	ND	ND	3.1	4.9	13	13	ND	74
<u></u>	l													<u> </u>			
	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	20	100	60	110	ND	520
November-08	GW MW-4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	18	4.3	2.8	18	ND	42
November-08	GW MW-5	ND .	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.6	2.6	7.8	16	ND	33
																	
Nov - Dec 2007	GW MW-6	ND	ND	ND	ND	ND	ND ·	ND	ND	NĎ	ND	11	170	84	180	ND	180
November-08	GW MW-6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	4.4	65	27	73	ND	93

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Environmental Engineers/Consultants
LOMBARDO ASSOCIATES, INC.

2.4 Groundwater Flow

Table 2-9 presents the groundwater elevation data below the drainfields and indicates the permitted minimum 2 foot groundwater separation distance is being maintained, in accordance with drainfield mounding projections.

TABLE 2-9: GROUNDWATER ELEVATION DATA

Design Basi	S			
PROFESSION CONTRACTOR				
		Groundwa		
	Surface Eleva	tion @ Mo	nitoring W	lell (ft)
	Bottom	of Drainfie	eld Elevat	ion (ft)
		Depth to D	rainfield E	Sottom
Dep	oth-Drainfield I	Bottom to 0	Broundwa	ter (ft)
		Mour	iding Allo	wance
	Design Dep			
Variance	Allowed - Dep	th Drain Bo	ottom to C	VV (ft)

THE RESIDENCE AND ADDRESS OF THE PARTY OF TH	e Draimfield (
\$	eparation Dai	a de la companya de
5.50	4.50	4.30
10.80	10.80	10.80
8.30	8.30	7.40
2.50	2.50	3.40_
2.80	3.80	3.10
0.38	0.38	0.37
2.42	3.42	2.73
2.00	2.00	2.00

Date		ed Depth - St	
	G	roundwater (ft)
9/21/2007	5.55	6.65	7.35
11/17/2007	7.05	6.40	7.30
5/14/2008			
10/24/2008	6.52	5.53	6.23
1/5/2009	7.99	7.32	8.42
4/20/2009	7.21	6.52	7.36
10/13/2009	6.73	6.10	7.01

Date	and the second s	epth of Drain Groundwater	the second second second second second second second
9/21/2007	3.05	4.15	3.95
11/17/2007	4.55	3.90	3.90
5/14/2008	4.49	4.46	3.05
10/24/2008	4.02	3.03	2.83
1/5/2009	5.49	4.82	5.02
4/20/2009	4.71	4.02	3.96
10/13/2009	4.23	3.60	3.61

Average	4.36	4.00	3.76
Max	5.49	4.82	5.02
Min	3.05	3.03	2.83

2.5 Surface Water Quality

Table 2-10 presents the surface water quality data for the two monitoring locations illustrated on Figure 1-4.

TABLE 2-10: SURFACE WATER QUALITY DATA

Week of Operation	Month of Operatio	A STATE OF THE STA	Aminona as U	Organic Nitrogen Oosya	Virale as N N 1022 mg/l			GODI GODI GUGUR		ecal Colloms Welvi effont	SurfaceAve	Parignoritaes (I) (I) (I)	oferno directio e.g.: moji	Music is 18 (14) (14)	Minerale Vi anaz maja	2 Odd Oloograp meft	(100 m) (100 m)
1_1_	0	7/26/07	0.01	1.15	0.02	0.02			6.3	900	1600	0.01	1,46	0.02	0.02	<u> </u>	12.2
4_		8/16/07	0.1	· 1.88	0.04	<0.02	2		<1	110	1600	<0.01	2.14	0.05	<0.02	2	2419
9	1	9/20/07	0.1	2.22	0.08	<0.02	2.4		14	170	300	0.15	2,11	0.11	<0.02	2.37	. 9.2
17	1 1	11/15/07	0.1	0.27	4.87	<0.02	5.24	 i	24	1600	1600	0.12	0.33	4.46	<0.02	4.91	114
30	2 3	1/17/08 2/14/08	0.05	0.18 0.41	1.67 4.46	<0.02 <0.02	1.9 4.89		19.9 3	1600 26	1600 ·	0.15 0.05	0.13 0.58	1.45 4.66	<0.02 <0.02	1.73 5,29	60.1 14.2
34	3	3/12/08	0.06	<0.05	1.46	0.11	1.63		13.1	300	300	0.10	0.34	0.63	0.06	1.13	261.3
39	3	4/17/08	0.04	0.65	0.76	0.04	1.49		7.4	170	500	0.09	0.08	0.47	0.02	0.66	61.3
42	4.	5/7/08	0.07	<0.05	0.38	<0.02	0.45		31.4	300	1600	0.13	<0.05	0.16	<0.02	0.29	21.6
49	4	6/25/08	0.09	1.11	0.21	<0.02	1.41		126.3	900	900	0.23	. 1.11	<0.02	<0.02	1.34	>2419.2
53.	4	7/24/08	0.02	1.79	ND	ND	1.81		32.3	11	11	0.02	1.33	0.11	ND	1.46	19.8
58	5	8/22/08	ND	0.32	0.31	ND	0.63		2 · ·	23	1600	0.12	0.56	0.05	ND	0.73	72.8
62	5	9/19/08	0.08	0.87	0.12	ND_	1.07		109.7	28	28	0.07	1.48	ND	ND	1.55	148,3
67	6 ·	10/24/08	<0.01	0.66	0.03	0.02	0.71		6.1	. 7	17	0.05	0.75	<0.02	<0.02	0.80	142.5
70	6	11/20/08	<0.01	0.72	0.03	<0.02	0.75		45.2	30	240	<0.01	0.95	<0.02	<0.02	0.95	32.3
74	6	12/18/08	0.13	0.8	4.17	<0.02	5.1		980.4	1600	1600	0.17	1.2	4.84	<0.02	6.21	1195.8
83	. 7	2/19/09	0,05	0.72	2,47	<0.02	3.24		11.9	11	130	0.12	0.57	2.21	<0.02	2.90	90.7
87	7	3/19/09	0.16	0.43	2.76	<0.1	3.35		17.1	130	1600	0.05	0.6	0.24	<0.1	0.89	8.6
93	8	4/30/09	0,07	0.74	0.3	<0.1	1.11		122.3	300	1600	0.14	0.75	0.06	<0.1	0.95	103.9
96	88	5/21/09	0.14	< 0.05	0.68	<0.1	0.82		223.5	80	900	0.11	0.29	0.54	<0.1	0.94	13.5
100	8	6/18/09	<0.01	0.31	1.37	<0.1	1.68		24,9	70	1600	<0.01	0.46	0.29	<0.1	0.75	23.1

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LOMBARDO ASSOCIATES, INC.

PERMIT VIOLATIONS

There have been three types of permit violations since start-up of the Malibu Village Wastewater Treatment Facility in July 2007.

Bacterial

3.1.1 Start-Up Issues

The disinfection system did not become operational until September 2007 with sporadic disinfection system equipment malfunction until December 2007 due predominantly to disinfection system software issues, as well as pump system interface issues. Software issues and pump interface issues were resolved in December 2007.

3.1.2 Equipment Malfunction - May 2008

By email of May 16 2008 (see Appendix B), Lombardo Associates, Inc. notified the LARWQCB of a bacterial permit violation, which was determined to be caused by pre-mature failure of the Pure-O-Tech (PTI) disinfection system UV lights and malfunction of the ozone treatment system - understood to be caused by software malfunction. The malfunctions have been corrected and the disinfection unit has been operating properly as of June 2008.

PTI is under a service contract with the Owner for quarterly visits and response to any disinfection system alarm conditions.

3.2 Total Nitrogen

The Total Nitrogen in the Effluent on June 25, 2008 did not meet permit requirements of TN < 10 mg/l. Starting in April 2008, LAI directed BioSolutions to investigate causes of the impaired, though not permit violations, total nitrogen removal performance of the treatment system. It was determined that solids accumulation in the p traps of the effluent lines draining the AdvantexTM units were clogging, with water back-up and flooding manufacturer provided air vents and thereby preventing proper aeration of the Advantex[™] unit.

Additionally, water accumulation in the carbon filter tanks (for odor control) was observed by BioSolutions and suggested air flow resistance may be impeding the blower performance and then Advantex[™] aeration. To correct this situation the following systems modifications were completed in early September 2008:

- Remove traps on the discharge lines of Advantex[™] pods
- Addition of new, dedicated AdvantexTM ventilation piping
 Addition of cleanouts on AdvantexTM drainlines

Operator Error - April 2009

After performing numerous onsite testing, it was discovered that a switch to engage tank AF4B pump #1 (which should have been inactive) had been switched to the manual on position causing tank AF4B pump #1 to run continuously. AF4B pump had been taped to the "Off "position and marked to be in the "Off" position but had been accidentally switched on. The switch was deactivated by removing the electrical connection from the switch altogether.

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As a consequence of AF4B pump being on, wastewater was bypassing treatment by the major set of treatment recirculating filters (12 units) and the denitrifying filters, and was being discharged to the polishing recirculating filters (2 units) prior to discharge to the disinfection system - resulting in inadequate wastewater treatment.

After the problem was corrected the polishing filters were flushed and cleaned. On April 23, drainfield discharge pumps were shut off and wastewater was recirculated throughout the wastewater treatment system to enable the system to return to normal operation.

At noon on April 24 2009 all normal operating parameters were reset and normal operation of the treatment system resumed.

On Monday April 27 the multimedia filter component of the disinfection unit were dosed with chlorine from the drainfield discharge tank and disinfection system pump chamber to kill any bacterial growth in the disinfection and drainfield discharge units. The disinfection unit O&M operator, Pure-o-Tech serviced the unit on Tuesday April 28 to ensure it is operating properly and that UV unit quartz sleeves are clean.

As the treatment plant effluent discharges to drainfields no adverse public health impacts and insignificant water quality are expected from this incident.

4 SAMPLING PROTOCOL

After a sampling frequency misunderstanding was addressed, weekly sampling in accordance with Table 1-1 was resumed on February 19, 2009.

APPENDIX A

A-1: California Regional Water Quality Control Board- Los Angeles Order No. 01-010: Waste Discharge Requirements

STATE OF CALIFORNIA CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD LOS ANGELES REGION

ORDER NO. <u>01-010</u>
WASTE DISCHARGE REQUIREMENTS
FOR
MALIBU CREEK PRESERVATION COMPANY
(Malibu Creek Plaza)
(File No. 00-066)

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board) finds:

- 1. Malibu Creek Preservation Company, LLC (hereinafter Discharger) owns the Malibu Creek Plaza; located at 3822-3896 Cross Creek Road and 23357-23361 Pacific Coast Highway (the Site), Malibu, California. The Malibu Creek Plaza (Pigurs One) is comprised of a mixture of retail and commercial businesses including a multi-screen theater, two full serve restaurants, an ice cream parlor, a dry cleaner, a bank, a pet store where pets are also groomed, and various other retail businesses.
- 2. The facility is located in an unsewered area of the City of Malibu (City). No public sewers have been scheduled for construction in the vicinity of the site. The City currently does not provide wastewater collection and treatment utilities; rather, the City primarily relics upon subsurface disposal system for disposal of domestic, commercial, and industrial wastewater.
- On December 10, 1999, Malibu Creek Preservation Company, LLC, filed a report of waste discharge pursuant to a directive from this Regional Board. The Discharger estimates that it discharges an average of 24,000 gallons per day (gpd) of primary treated septic system effluent to multiple leaching/disposal fields. No meters are installed to measure the actual amount of sewage discharged however. According to the Discharger, the existing septic system and disposal system is designed for a maximum daily flow of up to 42,000 gpd.
- 4. The Discharger installed the existing septic system and leachfield disposal system during the construction of Malibu Creek Plaza as approved by the County of Los Angeles and the City of Malibu. Beneath the parking lot of Malibu Creek Plaza, the Discharger has installed twelve septic tanks, eleven leachfields, and two grease traps. The Malibu Creek Plaza disposes of all domestic and commercial wastewater through the septic tank/leachfield disposal system. The commercial strength effluent is a result of elevated BOD and oil and grease loads in part from restaurant wastes. Wastewater from the restaurants and the theater enter grease interceptors and receive pretreatment prior to

January 11, 2001

¹ The term septic system is used in this document to reflect that currently, the wastewater receives only primary treatment through a series of grease interceptors and septic tanks, prior to disposal into leachfields. The Discharger shall install a treatment system that will produce a disinfected and accordary treated effluent.

entering the septic tanks. The grease interceptors are equipped with a commercially sized passive filter device. The primary components of the treatment system at Malibu Creek Plaza consist of one 1,500 gallon septic tank, two 2,000 gallon septic tanks, four 3,000 gallon septic tanks, one 3,500 gallon septic tank, three 7,500 gallon septic tanks, two 1,500 gallon grease interceptors and one 7,500 gallon main dosing tank for discharge to the eleven leach fields.

- During 1999, the Regional Board and City of Malibu conducted field work together, sampling groundwater and surface water on and nearby the Discharger's property. The Regional Board concludes that sewage discharged beneath the Discharger's property causes groundwater pollution, and is also released to Malibu Creek when the creek level is lowered, typically by the Malibu Lagoon breaching. Groundwater monitoring of wells located at the southern end of the shopping center and north of Pacific Coast Highway document that the groundwater contains bacteria such as total and fecal coliform, enterococcus, and E. Coli. The groundwater also contains nutrients, primarily in the form of ammonia. The presence of ammonia and not nitrate shows that the groundwater is depleted in oxygen in part due to the high volume loading of primary treated sewage into the groundwater. In addition, there are other shopping centers upgradient of Malibu Creek Preservation Company's property that discharge similar quantities and qualities of wastewater to the groundwater, and add nutrients and bacteria to the groundwater. Malibu Creek Preservation Company is the discharger closest to Malibu Creek in this
- 6. On February 18, 2000, Regional Board staff sampled three of Malibu Creek Preservation Company's septic tanks to characterize wastewater discharges from septic tanks to leachfields. Volatile organic compounds (VOCs) were detected in the Malibu Creek Preservation Company, LLC's discharge. The following table shows the maximum concentrations of the volatile organic compounds detected in septic tank discharges:

Cuennear	Concentrations
Chloroform	9 μ <u>g</u> /L
Tetrachloroethene (PCE)	17 μg/L
Trichloroethene (TCE)	70 μg/L
Toluene	44 μg/L

7. On April 10, 2000, the Regional Board Executive Officer issued a Notice of Violation (NOV) to Malibu Creek Preservation Company, LLC. for discharging domestic wastewater containing volatile organic compounds to the disposal fields in violation of Los Angeles Regional Water Quality Control Board Basin Plan groundwater quality objectives and in excess of State and federal Maximum Contaminant Levels (MCL). The

NOV required the Discharger to cease discharging volatile organic compounds to its disposal fields. Malibu Creek Preservation Company, LLC proposed to implement a source control investigation and pollution prevention program with the purpose of positively identifying and eliminating the sources of toxic chemicals being discharged to the septic system.

- 8. The wastewater receives only primary treatment in the septic system before being discharged to the disposal fields. The effluent quality and quantity discharged from the septic tank system is not measured, as a result, the effluent quality and quantity from the septic tank systems is not well documented. On February 18, 2000, Regional Board staff did sample some of the Discharger's septic tanks, however. The existing septic system is not capable of disinfecting wastewater or removing nutrients that are discharged to the leachifields.
- 9. Discharges from the existing septic tank system infiltrate groundwater through the multiple leaching/disposal fields. The wastewater disposal fields are close to Malibu Creek and Malibu Lagoon. Groundwater at the Malibu Creek Plaza site is in hydraulic connection to Malibu Creek, Lagoon, and the Pacific Ocean. The Malibu Creek and Malibu Lagoon are recognized as impaired by both nutrients and bacteria, as detailed in the State of California's 303d listing. Groundwater monitoring is being required since groundwater impacts have been documented at the site, and the groundwater is eventually discharged to Malibu Creek, Malibu Lagoon and the Pacific Ocean. The Discharger must upgrade the existing septic system and install disinfection and nutrient removal equipment in order to meet the proposed effluent discharge limits prescribed in this Order.
- 10. The Regional Board encourages the Discharger to consider upgrades that would enable the treatment system to meet water reclamation standards and provide greater flexibility for disposal/reuse of the treated wastewater from the treatment system.
- 11. The facility is located in Section 31, Township 1S, Range 17W (San Bernardino Base & Meridian), and is at a latitude 34° 02' 05" N and a longitude of 118° 41' 00" W. Some of the hydrologic features near the facility include:
 - Malibu Creek, which is approximately 200 feet from the nearest leachfield at the site:
 - Malibu Lagoon, which is approximately 200 feet south of the site (and begins south
 of Pacific Coast Highway).
 - . The Pacific Ocean, which is approximately 1400 feet to the south of the site.

- 12. The Discharger does not currently monitor groundwater in order to evaluate any impacts from its discharge of wastewater, however, the Regional Board is now requiring the Discharger to do so. Additionally, other nearby dischargers are monitoring groundwater.
- The septic tanks and disposal fields for the Malibu Colony Plaza are located in the Malibu Creek Hydrologic Subarea and overlie the Malibu Valley Groundwater Basin.
- 14. The Regional Board adopted a revised Water Quality Control Plan for the Los Angeles Region on June 13, 1994. The Water Quality Control Plan contains beneficial uses and water quality objectives for groundwater within the Malibu Valley Groundwater Basin.
- 15. Discharges from the leachfields infiltrate groundwater. Existing beneficial uses designated for groundwater include agricultural supply and potential municipal, domestic and industrial supply. With regard to the use of groundwater for municipal and domestic supply, the Discharger has stated that there are no public water wells downgradient of the leachfields. Potable water consumers in the area receive water from the Los Angeles County Waterworks District No. 29, a water retailer that receives water from the Metropolitan Water District of Southern California via the West Basin Municipal Water District, since 1961.
- 16. Groundwater underlying the leachfields is in hydraulic connection with Malibu Creek, Malibu Lagoon, and the Pacific Ocean. Beneficial uses designated for these surface waters include, among others; contact and non-contact water recreation; marine habitat; shellfish harvesting (potential); wildlife habitat; and spawning (potential). A Water Quality Assessment, adopted by this Regional Board on May 18, 1998, identified beaches along the Santa Monica Bay (including the Malibu area) as impaired by pathogens for contact water recreation.
- 17. The requirements in this Order are in conformance with the goals and objectives of the Water Quality Control Plan. The Discharger must upgrade the existing treatment system to disinfect and remove nutrients from the wastewater.
- 18. The Discharger is not able to quantify potential impacts resulting from the discharge to groundwater and nearby surface waters since there is no current groundwater or surface water monitoring conducted. Other potential impacts include the discharge of nutrients and bacteria to surface water, the corresponding "water imbalance" whereby the high volume of wastewater discharged to groundwater, can cause an increased discharge of groundwater to surface water. The Discharger must upgrade the existing septic system to meet the proposed limits in this Order for total and fecal coliform and enterococcus and nutrients. The Discharger will be required to monitor for total coliform, fecal coliform and enterococcus bacteria in accordance with Monitoring and Reporting Program No. CI 8226.

- In addition, the Discharger shall monitor for nutrients (nitrate, nitrite, ammonia and organic nitrogen, phosphorus) and surfactants in accordance with Monitoring and Reporting Program No. CI 8226.
- 19. A groundwater monitoring program and a surface water monitoring program are necessary to evaluate any impacts from the discharge of waste to groundwater. The monitoring is necessary to help determine the rate and volume of sewage movement to nearby surface and ocean water. A groundwater and a surface water monitoring program shall be established, so that groundwater and surface water may be sampled and analyzed to determine the degree that discharges from the septic systems impact water quality.
- This project involves an existing facility and, as such, is exempt from the provisions of the California Environmental Quality Act (Public Resources Code, Section 2100 et seq.), in accordance with California Code of Regulations, Title 14, Chapter 3, Section 15301.
- 21. The Discharger has indicated that it can not immediately comply with the requirements contained in these Waste Discharge Requirements because the treatment system needs to be upgraded. In order for the Discharger not to be in immediate violation of requirements in the Waste Discharge Requirements, the Regional Board has included a Time Schedule Order (TSO) that will allow the Discharger to complete all needed upgrades within a timeframe specified in the TSO.

The Regional Board has notified the Discharger and interested agencies and persons of its intent to prescribe Waste Discharge Requirements for this discharge, and has provided them with an opportunity to submit their written views and recommendations for the requirements.

The Regional Board, in a public meeting, heard and considered all comments pertaining to the discharge and to the requirements.

IT IS HEREBY ORDERED that Malibu Creek Preservation Company (Discharger) shall comply with the following:

A. INFLUENT LIMITATIONS

Waste discharged shall be limited to certain commercial discharges from a mixture of retail and commercial businesses at the shopping center including a multi-screen theater, two full serve restaurants, an ice cream parlor, a dry cleaner, a bank, a pet store where pets are also groomed, and various other retail businesses. No water softener regeneration brines or industrial waste waters shall be discharged to sewers that flow to the septic system.

- The maximum daily flow of influent to the collection system shall not exceed the 2. design capacity of 42,000 gpd. This flow limitation also applies to effluent discharged to the leachfields.
 - 3. No volatile organic compounds are to be discharged into the wastewater disposal system.

EFFLUENT LIMITATIONS B.

- 1. The pH of wastes discharged shall at all times be between 6.5 to 8.5 pH units.
- The wastewater discharged into the leachfields shall not contain constituents in 2. excess of the following limits:

Monthly			
Constituent	<u>Units</u>	Average	Maximum
BOD5	mg/L	30.	45
Suspended solids	mg/L	30	45
Turbidity	NTU	10	15
Oil and grease	mg/L		15
TDS	mg/L		2,000
Sulfate	mg/L	-	500
Chloride	mg/L	_	500
Total Nitrogen	mg/L	<u></u>	. 10
Fecal coliform(a)	MPN/100mL		200
Enterococcus (6)	MPN/100mL	24	104

- a) The limits for coliform shall apply, prior to discharge of the efficient into the leachfields
 b) The Enterococcus limit is based on geometric mean of at least 5 equally spaced samples in any 30-day period.
- 3. The wastewater discharged to the leachfields shall not contain salts, heavy metals, or organic pollutants at levels that would impact groundwater, or groundwater that may be in hydraulic connection with surface waters designated for marine aquatic life or body contact recreation.
- Any wastes that do not meet the foregoing requirements shall be held in impervious containers, and discharged at a legal point of disposal.

C. PROHIBITIONS

- There shall be no sanitary sever overflows or discharge of wastes to waters of the State (including storm drains) at any time.
- No part of the leachfield disposal system shall be closer than 150 feet to any water well. No part of the leachfield disposal system shall be closer than 100 feet to any stream, channel or other watercourse.
- 3. No part of the soptic system and the leachfields shall extend to a depth where wastes may deleteriously affect an aquifer that is usable for domestic purposes. In no case may the septic system and the leachfields extend to within 5 feet of the zone of historic or anticipated high ground water level. The Discharger must submit certification that the leachfields meet this requirement.
- 4. Wastes shall not be disposed of in geologically unstable areas or so as to cause earth movement.
- 5. Wastes discharged shall not impart tastes, odors, color, foaming or other objectionable characteristics to the receiving water.
- Adequate facilities shall be provided to divert surface and storm water away from the septic tanks, leachifields and from areas where any potential pollutants are stored.
- 7. The applic tanks, sewer collection system and the leachfields, shall be protected from damage by storm flows or runoff generated by a 100-year storm.
- 8. There shall be no onsite disposal of sludge. Any offsite disposal of sewage or sludge shall be made only to a legal point of disposal. For purposes of this Order, a legal disposal site is one for which requirements have been established by a California Regional Water Quality Control Board, and which is in full compliance therewith. Any sewage or sludge handling shall be in such a manner as to prevent its reaching surface waters or watercourses.
- 9. The septic system, including the sewers that are a part of the septic system and the leachifields, shall be maintained in such a manner that at no time will sewage be permitted to surface or overflow at any location.
- Sewage odors shall not be detectable.

- Wastes discharged shall at no time contain any substance in concentrations toxic to human, animal, plant, or aquatic life.
- 12. The discharge of waste shall not create a condition of pollution, contamination, or nusance.
- The direct of indirect discharge of any wastewater to surface waters or surface water drainage courses is prohibited.

D. PROVISIONS

- The Discharger shall file with the Regional Board technical reports or selfmonitoring work performed according to the detailed specifications contained in Monitoring and Reporting Program No. CI 8226, as directed by the Executive Officer. The results of any monitoring done more frequently than required at the location and/or times specified in the Monitoring and Reporting Program shall be reported to the Regional Board. Monitoring and Reporting Program No. CI 8226 contains requirements, among others, specifying the following:
 - a) The Discharger shall ensure that the capacity of the disposal system is adequate for the discharge and that adequate steps are taken to accommodate system failures or to deal with loss of assimilative capacity of the soils.
 - b) The Discharger shall calculate an annual water balance to determine: the assimilative capacity of the soils and groundwater at the site to adequately attenuate the sewage discharged, the quantity of groundwater (affected by the onsite sewage disposal) that enters Malibu Creek, the rate of groundwater movement at the Site to Malibu Creek, and how the discharge affects the rate.
 - a monitoring program for groundwater shall be established so that the groundwater upgradient and downgradient can be measured, sampled, and analyzed to determine if discharges from the leachfield disposal system have impacted, or are impacting, water quality. In addition, the Discharger must complete a study to determine the degree of the hydraulic connection between surface water and the leachfields. Submittal of a plan for monitoring groundwater, which is subject to the approval of the Executive Officer, is due by March 30, 2001.
 - A surface water monitoring program shall be established so that surface water, if present, in Malibu Creek can be measured, sampled, and analyzed

to determine if discharges from the site have impacted or are impacting water quality. Submittal of a plan for monitoring surface water, which is subject to the approval of the Executive Officer, is due by March 30, 2001.

- The Discharger shall provide a report regarding water conservation and water reuse by February 28, 2001.
- 3. The Discharger shall upgrade the septic system to include disinfection and nutrient removal to meet the limits contained in B.2 above prior to discharge into the leachfield disposal system, in accordance with Time Schedule Order No. 01-011. Currently, the Total Maximum Daily Loading for nutrients into the Malibu Creek Watershed is being studied. When the study is completed, nutrient loading rates will be assigned to dischargers. The Discharger shall comply with waste load allocations developed and approved pursuant to the process for the designation of Total Maximum Daily Loads for the Malibu Creek Watershed. The Regional Board may require that the Discharger meet nutrient discharge limits stricter than those imposed in this Order No. 01-010.
- 4. The Discharge shall cause the treatment system to be inspected no less than twice (once every 2 years) during the life of the permit by an inspector to be retained and suggested by the Discharger but subject to the approval of the Executive Officer.
- The Discharger shall comply with all applicable requirements with respect to Assembly Bill No. 885.
- 6. The Discharger shall notify this Regional Board by telephone within 24 hours of any adverse condition as a result from the discharge of wastewater from this facility; written confirmation shall follow within one week. This information shall be confirmed in the next monitoring report. In addition, the report shall also include the reasons for the violations or adverse conditions, the steps being taken to correct the problem (including dates thereof), and the steps being taken to prevent a recurrence.
- 7. The Discharger shall notify the Regional Board within 24 hours, by telephone, of any bypassing or surfacing of wastes. Written confirmation shall follow within one week and shall include information relative to the location(s), estimated volume, date and time, duration, cause, and measures taken to effect cleanup and measures taken to prevent any recurrence.

- 8. This Order does not alleviate the responsibility of the Discharger to obtain other necessary local, state, and federal permits to construct facilities necessary for compliance with this Order; nor does this Order prevent imposition of additional standards, requirements, or conditions by any other regulatory agency.
 - Any discharge of wastewater from the sewage disposal system (including the
 wastewater collection system) at any point other than specifically described in this
 Order is prohibited, and constitutes a violation of the Order.
 - After notice and opportunity for a hearing, this Order may be terminated or modified for causes including, but not limited, to:
 - a) Violation of any term or condition contained in this Order,
 - Obtaining this Order by misrepresentation, or failure to disclose all relevant facts; and
 - A change in any condition, or the discovery of any information, that requires

 a temporary or permanent increase, reduction or elimination of the
 authorized discharge.
 - 11. The Discharger shall furnish, within a reasonable time, any information the Regional Board may request to determine whether cause exists for modifying, revoking and reissuing, or terminating this Order. The Discharger shall also furnish to the Regional Board, upon request, copies of records required to be kept by this Order.
 - 12. The Discharger shall file a written report with this Regional Board at such time as < \(\), the daily waste flow has reached or exceeded 31,500 gpd (75% of the maximum design flow of 42,000 gallons per day). The report shall detail provisions to cope with excess flows, provided, however, that the foregoing shall not be construed to allow flow in excess of 42,000 gpd.
 - 13. Existing groundwater monitoring data indicates that the Discharger's activity is causing groundwater pollution as defined by Section 13050 of the California Water Code. The Discharger shall submit, within 90 days, plans for measures that will be taken, or have been taken, to mitigate any long-term effects that result from the subsurface disposal of wastes. Any water quality impact to surface and groundwater such as, but not limited to, risks to human health from pathogens, and accelerated eutrophication of surface waters from nutrients in waste waters shall be reported.

- 14. This Order includes "Standard Provisions Applicable to Waste Discharge Requirements (November 7, 1990)." If there is any conflict between provisions stated herein and the "Standard Provisions," those provisions stated herein will prevail.
- 15. The Discharger shall submit to the Regional Board, within 180 days of the adoption of this Order, procedures that will be, or have been, taken to ensure that no discharge or recycling of any unfreated or partially treated sewage; will result from the treatment facility, in the event of equipment failure.
- 16. These waste discharge requirements contained in this Order will remain in effect for a period of (5) years after issuance to a Discharger by the Regional Board Executive Officer. Should the Discharger wish to continue discharging to groundwater under the terms and conditions contained in this Order for a period of time in excess of five years, the Discharger must file an updated Report of Waste Discharge with the Regional Board, no later than 180 days in advance of the expiration date of the Order, for consideration of issuance of new or revised waste discharge requirements. Any discharge of waste five years after the date of issuance, without obtaining new Waste Discharge Requirements from the Regional Board is a violation of the California Water Code, Section 13264. The Regional Board is authorized to take appropriate enforcement action for any noncompliance with this provision including assessment of penalties.
- 17. In accordance with Water Code Section 13263(g), these requirements shall not create a vested right to continue to discharge. All discharges of waste into the waters of the State are privileges, not rights, and are subject to rescission or modification.

I, Dennis A. Dickerson, Executive Officer, do hereby certify that the foregoing is a full, true, and correct copy of an Order adopted by the California Regional Water Quality Control Board, Los Angeles Region, on January 11, 2001.

Danie A Diolomon

Dennis A. Dickerson Executive Officer